AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listing of claims in the application. Please amend claims 37 and 38 as follows:

Listing of Claims:

1-32 (Canceled)

33. (Previously Presented) An isolated nucleic acid from cassava, or its complement, wherein the isolated nucleic acid encodes a polypeptide having starch branching enzyme Class A (SBEII) activity and the amino acid sequence of SEQ ID NO 29.

34. (Previously Presented) The isolated nucleic acid according to claim 33, or its complement, wherein the isolated nucleic acid comprises the nucleic acid sequence of SEQ. ID. NO. 28.

35. (Previously Presented) The isolated nucleic acid according to claim 33, or its complement, wherein the isolated nucleic acid comprises nucleotides 21-2531 of the nucleic acid sequence of SEQ. ID. NO. 28.

36. (Previously Presented) An isolated nucleic acid from cassava, or its complement, wherein the isolated nucleic acid encodes an amino acid sequence which has sufficient starch branching enzyme activity in *E. coli* KV832 to complement the starch branching enzyme mutation therein.

37. (Currently Amended) The ~~[An]~~ isolated nucleic acid according to claim 36, or its complement, wherein the isolated nucleic acid has at least 88% sequence identity to SEQ ID NO: 28.

38. (Currently Amended) The isolated nucleic acid according to claim 36, or ~~[and]~~ its complement, wherein the isolated nucleic acid comprises the nucleic acid sequence of SEQ. ID. NO. 28.

39. (Previously Presented) The isolated nucleic acid according to claim 36, or its complement, wherein the isolated nucleic acid encodes a polypeptide having the amino acid sequence of SEQ. ID. NO. 29.

40. (Previously Presented) The isolated nucleic acid according to claim 36, or its complement, wherein the isolated nucleic acid comprises nucleotides 21-2531 of the nucleic acid sequence of SEQ. ID. NO. 28.

41. (Canceled).

42. (Previously Presented) The isolated nucleic acid according to claim 34, wherein the nucleic acid further comprises a 5' and/or a 3' untranslated region.

43.-59. (Canceled)

60. (Previously Presented) A construct comprising a nucleic acid from cassava, wherein said nucleic acid has at least 88% sequence identity to SEQ ID NO. 28 and wherein said nucleic acid encodes a protein with SBE II activity.

61. (Previously Presented) The construct of claim 60 further comprising a promoter operable in plants, wherein said promoter is operably linked to the nucleic acid.

62. (Previously Presented) The construct of claim 60 or 61, wherein the nucleic acid is in the sense or the anti-sense orientation.

63. (Previously Presented) A plant cell, plant tissue, or plant comprising the construct of claim 60 or 61.

64. (Previously Presented) A method of producing a transformed cassava plant comprising introducing into a cell of a cassava plant the construct of claim 60 or 61 and regenerating a transformed cassava plant from the transformed cassava cell.

65. (Previously Presented) A method of producing a transformed progeny cassava plant comprising introducing into a cell of a cassava plant a construct comprising a nucleic acid from cassava, wherein said nucleic acid has at least 88% sequence identity to SEQ ID NO. 28 and wherein said nucleic acid encodes a protein with SBE II activity; regenerating a transformed cassava plant from the transformed cassava cell; sexually crossing the regenerated transformed plant with a second cassava plant, wherein the second cassava plant is not transformed with said nucleic acid; harvesting the resultant seed; growing the harvested seed; and selecting a transformed cassava progeny plant which comprise the nucleic acid.